Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete a. ultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No: KMTH/C-Agg/527/2019-20	Date	08-10-2020

TEST REPORT ON COARSE AGGREGATE

Name of Client	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Client's letter dated	06-10-2020
Source of Sample	Supplied by the Client
No. of Sample*	Coarse Aggregate - 20mm
Date of Testing	07-10-2020
Technical Reference	IS: 2386 (Part I)– 1963 IS: 383 – 2016

Gradation of 20mm Aggregate

20mm	Weight of Sample in gm		5000		IS : 2386(Part-I) RA 2016		Remarks
Sieve No	Wt of soil	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
40	0	0.00	0.00	100.00	100	*100*	Sample conforms to IS: Stipulation for Single size Aggregate of size 20mm.
20	418.3	8.37	8.37	91.63	85-100	*90 to 100*	
10	4419.6	88.39	96.76	3.24	0 to 20	*25 to 55*	
4.75	126.9	2.54	99.30	0.70	0 to 5	*0 to 10*	

* As furnished by the Client.

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked By
Nagaraj K.S

Approved By
Narayanswamy.B

.....End of Report.....

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No: KMTH/C-Agg/528/2019-20	Date	08-10-2020

TEST REPORT ON COARSE AGGREGATE

Name of Client	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Client's letter dated	06-10-2020
Source of Sample	Supplied by the Client
No. of Sample*	Coarse Aggregate - 40mm
Date of Testing	07-10-2020
Technical Reference	IS: 2386 (Part I)– 1963 IS: 383 – 2016

Gradation of 40mm Aggregate

40mm	Weight of Sample		5000		IS : 2386(Part-I)		Remarks
Sieve No	Wt of Aggregate	% tage retained	Cumulative % retained	% tage finer	Single Size	Graded Size	
63	0	0.00	0.00	100	*100*	100	Sample conforms to IS: Stipulation for Single size Aggregate of size 40mm.
40	586	11.72	11.72	88.28	*85-100*	90 to 100	
20	3682	73.64	85.36	14.64	*0 to 20*	30 to 70	
10	324	6.48	91.84	8.16	*0 to 5*	10 to 25	
4.75	6.8	0.14	91.98	8.02	-	0 to 5	

* As furnished by the Client.

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked By
Nagaraj K.S

Approved By
Narayanswamy.B

End of Report

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No: KMTH/M-Sand/529/2019-20	Date	08-10-2020

TEST REPORT ON FINE AGGREGATES

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Client's letter dated	06-10-2020
Source of Sample	Supplied by the Client
No. of Sample*	Fine Aggregate - M-Sand
Date of Testing	07-10-2020
Technical Reference	IS: 2386 (Part I)– 1963 , IS: 383 – 2016

Gradation of Fine Aggregate-M-Sand

Sieve No	Wt of soil	% tage retained	Cumulative % retained	% tage finer	Percentage passing for Zone I	Zone II	Zone III	Zone IV	Remarks
10	0	0	0	100	100	*100*	100	100	
4.75	2.2	0.22	0.22	99.78	90 – 100	*90 – 100*	90 – 100	90-100	
2.36	207	20.70	20.92	79.08	60 – 95	*75 – 100*	85 – 100	95-100	Falls in Zone – 1 as per Table 4 of IS-383 – 2016
1.18	238.4	23.84	44.76	55.24	30 – 70	*55 – 90*	75 – 100	90-100	
0.6	176.4	17.64	62.40	37.60	15 – 34	*35 – 59*	60 – 79	80-100	
0.3	220.8	22.08	84.48	15.52	5 – 20	*8 – 30*	12 – 40	15-50	
0.15	136.4	13.64	98.12	1.88	0 – 10	*0 – 10*	0 – 10	0-15	
Silt content				3.12	Shall not be more than 20%				Passes the requirements

* As furnished by the Client.

Note: The above Sample satisfies the requirement of Zone – 1 as per Table 4 of IS-383 – 2016

For Karnataka Material Test House Pvt Ltd.,

Prepared & Checked By
Nagaraj K.S

Approved By
Narayanswamy.B

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Off.&Lab: No. 8 (10/3), 4th cross, Basaveshwara layout, Nagashettihalli, RMV 2nd Stage, BENGALURU 560094
Ph.:080- 23418668, 23511213 **Mobile: 94485 15258** E-mail: kmthblr@gmail.com www.karnatakamaterialtesthouse.com

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No: KMTH/Cement/530/2019-20			Date	09-10-2020
PHYSICAL TEST REPORT ON CEMENT				
Name of Client	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.			
Name of Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.			
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.			
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094			
Job Code No	003-20-000068			
Letter dated	06-10-2020			
Sample Received on	Supplied by the Client			
Source of Sample	Supplied by the Client			
Date of Testing	08-10-2020			
Type of cement & Brand of Cement*	*OPC Cement –ACC-43 Grade*			
Technical Reference	IS: 403(Part I–VI) 1988 (Reaffirmed–2000) & IS: 8112-1989			
Physical Properties				
Sl. No.	Test Conducted	Results	IS: 8112-1989 Stipulation	Remarks
1	Normal consistency in %	34	Not specified	-
2	Initial setting time in minutes	168	Shall not be less than 30 minutes	P
3	Final setting time in minutes	321	Shall not be more than 600 minutes	P

*As Furnished by the client

F: Fails IS requirements

P : Passes IS requirement

TTC : Test to be conducted

For **Karnataka Material Test House Pvt. Ltd.,**

Prepared & Checked by
Nagaraj K S

Approved by
Narayanswamy.B

End of report

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-536/2019-20	Date of issue	12-11-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Adithya Nagar, Chandrappa Layout And Surroundings Areas in ward No.03, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	11-10-2020
Source of Sample	Supplied by the Client
Dimension of Specimens	150.00mm x 150.00mm x 150.00mm 150.00mm x 150.00mm x 150.00mm 150.20mm x 150.00mm x 150.00mm
Grade of Concrete *	M-10
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	PCC Concrete (Drains)	12-10-2020	11-11-2020	28 Days	22500	8254	369.45	16.42
2		12-10-2020	11-11-2020		22500	8247	342.90	15.24
3		12-10-2020	11-11-2020		25000	8156	405.00	16.20

1 N/Sq.mm = 10Kg/Sq.cm. (Approx.)

*As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj.K.S

Approved By
Narayanswamy.B

.....End of report.....

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-532/2019-20	Date of issue	23-10-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhivrudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	14-10-2020
Source of Sample	Supplied by the Client
Dimension of Specimens	152.60mm X 151.60mm X 152.06mm 152.55mm X 152.61mm X 149.92mm 151.20mm X 148.69mm X 151.26mm
Grade of Concrete *	M-20
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	Raft Concrete (Drains)	15-10-2020	23-10-2020	07 Days	22500.00	8360	388.6	17.27
2		15-10-2020	23-10-2020		22500.00	8296	398.4	17.71
3		15-10-2020	23-10-2020		22500.00	8326	401.2	17.83

1 N/Sq.mm = 10Kg/Sq.cm. (Approx.).

*As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj.K.S

Approved By
Narayanaswamy.B

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CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-533/2019-20	Date of issue	13-11-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhivrudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	14-10-2020
Source of Sample	Supplied by the Client
Dimension of Specimens	151.62mm X 151.62mm X 150.80mm 150.00mm X 152.10mm X 150.48mm 151.41mm X 150.14mm X 150.82mm
Grade of Concrete *	M-20
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	Raft Concrete (Drains)	15-10-2020	13-11-2020	28 Days	22864.29	7986	550.4	24.46
2		15-10-2020	13-11-2020		22888.00	8020	541.7	24.08
3		15-10-2020	13-11-2020		22644.11	7986	549.4	24.42

1 N/Sq.mm = 10Kg/Sq.cm. (Approx.)

*As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj K S

Approved By
Narayanswami B

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Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-539/2019-20	Date of issue	24-11-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhivrudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	16-10-2020
Source of Sample	Supplied by the Client
Dimension of Specimens	150.90mm X 151.61mm X 151.47mm 152.14mm X 151.62mm X 150.48mm 152.48mm X 152.64mm X 151.67mm
Grade of Concrete *	M-20
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	Side Wall Concrete (Drains)	17-10-2020	24-10-2020	07 Days	22964.36	8100	429.42	18.70
2		17-10-2020	24-10-2020		22815.77	8026	409.24	17.94
3		17-10-2020	24-10-2020		23150.90	8146	419.01	18.10

1 N/Sq mm = 10Kg/Sq cm. (Approx.). *As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj K.S

Approved by
Narayanaswamy B

.....End of report.....

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-540/2019-20	Date of issue	15-11-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhivrudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	7.01.2020
Source of Sample	Supplied by the Client
Dimension of Specimens	152.36mm X 151.90mm X 151.36mm 152.14mm X 150.64mm X 151.14mm 151.67mm X 152.00mm X 150.47mm
Grade of Concrete *	M-20
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	Side Wall Concrete (Drains)	17-10-2020	14-11-2020	28 Days	22991.58	8136	537.06	23.36
2		17-10-2020	14-11-2020		22767.72	8242	533.20	23.42
3		17-10-2020	14-11-2020		22871.44	8210	524.66	22.94

1 N/Sq.mm = 10Kg/Sq.cm. (Approx.). *As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj K S

Approved by
Narayanaswamy B

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Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No. : KMTH/Cubes-542/2019-20	Date of issue	14-10-2020

TEST RESULTS ON CONCRETE CUBES

Name of Client and Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of the Agency	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhivrudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettihalli, Bengaluru-560094
Job Code No	003-20-000068
Letter Dated	31.01.2020
Source of Sample	Supplied by the Client
Dimension of Specimens	151.46mm X 151.36mm X 152.36mm 149.92mm X 151.26mm X 152.67mm 152.62mm X 151.24mm X 152.74mm
Grade of Concrete *	M-20
Chainage in Meters	**Ch : 0.0 to 30.0**

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete cube specimens, supplied by the client and the results are tabulated here below:

Sl. No	Cubes pertaining to the concrete cast at* (Details of structural member identification)	Date of casting*	Date of Testing	Age of Concrete on the date of test** (Days)	Contact Area (mm^2)	Weight of Specimen (gm)	Load in KN	Compressive Strength In N/mm^2*
1	Raft Concrete (Drains)	16-10-2020	13-10-2020	28 Days	23061.20	8126	551.9	24.53
2		16-10-2020	13-10-2020		23092.86	7998	549.8	24.44
3		16-10-2020	13-10-2020		23100.39	8063	552.2	24.54

1 N/Sq.mm = 10Kg/Sq.cm. (Approx.). *As Furnished by the client

**Based on the data furnished by the client

Note: A minimum of three cube specimens shall be supplied for testing as per IS: 516-1959.

For Karnataka Material Test House Pvt. Ltd

Prepared & Checked by
Nagaraj.K.S

Approved By
Narayanswamy.B

.....End of report.....

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3) Any Correction in the report will make the report invalid

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M/s Karnataka Consultancy Services

Karnataka Material Test House Pvt. Ltd.,

Soil Investigation, Concrete and NDT Testing ,Topo Survey, & Project management Consultancy

CIN No: U74210KA2004PTC035137 G S T No: 29AACCK4994Q1ZI PAN No: AACCK4994Q

Report No : KMTH/Slabs/537/2019-20 Date of Issue 22-11-2020

TEST RESULTS ON 100MM THICK CEMENT CONCRETE SLABS SAMPLES

Name of Client & Address	Executive Engineer Bruhat Bengaluru Mahanagara Palike Yelahanka Division, CMC Road, Yelahanka Old Town, Bengaluru-64.
Name of Agency & Address	Technical Director Karnataka Rural Infrastructure Development Limited, Grameenabhirvudi Bhavan, 4th and 5th Floor, Ananda Rao circle, Bangalore - 560009.
Third Party Consultant	Karnataka Material Test House Pvt Ltd., Basaveshwara Layout, Nagashettyhalli, Bengaluru-560094
Name of the Project*	Construction of RCC Drain & Culverts at Hills side Meadows and Sai Nagar Phase 1, Ward No.3, Yelahanka Satellite Town Sub Division.
Job Code No	003-20-000068
Sample Received on	18-11-2020
Source of Sample	Supplied by the Client
Number of Specimens*	3 No's Cement Concrete Slabs
Size & Shape of Sample	slab Length -920mm, Height-100mm,Width600mm
Date of Testing	19-11-2020

Compressive Strength test as per the guidelines of IS: 516-1959 has been conducted on the concrete Core Samples extracted and the results are tabulated here below:

Sl No	Cores pertaining to the concrete cast at*(Details of structural member identification)	Diameter in mm	Length in mm	H/D Ratio	Area Sq.mm	Load KN	Comp. Strength. N/Sq.mm	C.F. H/D x 0.11 + 0.78	C.C.F N/Sq mm	E.C.S.C N/Sq mm	Avg. N/Sq mm	Weight of Core in kg	Volume of Core, m3	Density, Kg/m3
1	S-01	95	98.80	1.04	7085	125.6	17.73	0.89	15.86	19.82	20.04	2.2420	0.00070	3203.04
2	S-02	95	99.40	1.05	7085	126.8	17.90	0.90	16.02	20.03		2.3620	0.00070	3354.10
3	S-03	95	99.60	1.05	7086	128.4	18.12	0.90	16.22	20.28		2.7845	0.00071	3945.30

*As furnished by the Client

Remarks:

For Karnataka Material Test House Pvt. Ltd.,

Prepared & Checked by
Nagaraja K S

Approved by
Narayanswamy.B

.....End of Report.....

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